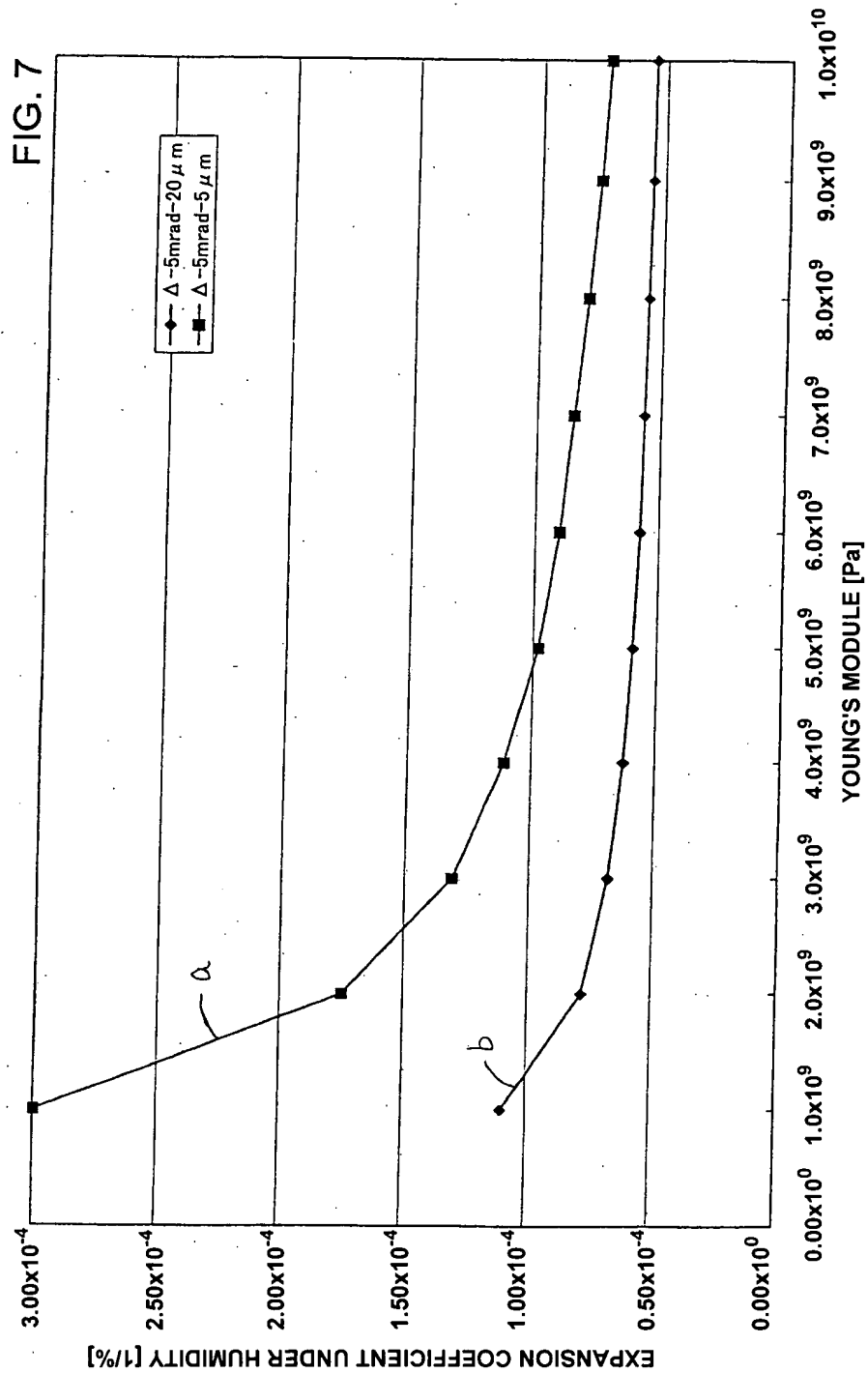




Replacement Sheet





Replacement Sheet

FIG. 11

EXAMPLE 1	MATERIAL	THICKNESS	YOUNG'S MODULUS (Pa)	EXPANSION COEFFICIENT UNDER HUMIDITY (1%)
TRANSPARENT SUBSTRATE 20	POLYCARBONATE	0.5mm	2.41×10^9	7.00×10^{-6}
THIN FILM LAYER 40	ALUMINUM NITRIDE	65nm	3.43×10^{11}	0.0×10^0
PROTECTIVE FILM 50	UV CURING RESIN 1	16 μ m	5.40×10^9	1.60×10^{-5}

FIG. 12 PRIOR ART

COMPARATIVE EXAMPLE 1	MATERIAL	THICKNESS	YOUNG'S MODULUS (Pa)	EXPANSION COEFFICIENT UNDER HUMIDITY (1%)
TRANSPARENT SUBSTRATE 20	POLYCARBONATE	0.5mm	2.41×10^9	7.00×10^{-6}
THIN FILM LAYER 40	ALUMINUM NITRIDE	65nm	3.43×10^{11}	0.0×10^0
PROTECTIVE FILM 50	UV CURING RESIN 2	16 μ m	5.40×10^9	6.25×10^{-5}



Replacement Sheet

FIG. 13

EXAMPLE 2

	MATERIAL	THICKNESS	YOUNG'S MODULUS (Pa)	EXPANSION COEFFICIENT UNDER HUMIDITY (1%)
TRANSPARENT SUBSTRATE 20	POLYCARBONATE	0.5mm	2.41×10^9	7.00×10^{-6}
THIN FILM LAYER 40	ALUMINUM NITRIDE	65nm	3.43×10^{11}	0.0×10^0
PROTECTIVE FILM 50	UV CURING RESIN 3	16 μ m	9.00×10^9	6.25×10^{-5}